

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in this application.

Listing of Claims:

1. (Previously presented) A method of defining printer media and inking intensity compatibility in a printing system comprising the steps of:

identifying a printer employing specified color inks for use in color printing, and identifying a color substrate for use in color printing;

printing a color test pattern of a plurality of test patches on the identified substrate, with the identified printer;

generating a tone scale curve for each color ink in the color test pattern, using the plurality of test patches;

selecting one limiting condition that controls color ink and color substrate compatibility for the identified printer and the identified substrate;

determining an upper ink limit for the identified substrate based on ink and substrate parameters in accordance with the one limiting ink condition; and

using the upper ink limit to generate a tone scale to calibrate any ink color employed by the identified printer for printing on the identified substrate.

2. (Previously Presented) A method as claimed in claim 1 wherein the step of generating a tone scale curve comprises the steps of:

measuring the color test pattern in L*a*b* color space referenced from substrate color; and

using Euclidian distance from the substrate color as a measure of color intensity.

3. (Original) A method as claimed in claim 2 further comprising the steps of:

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